

Work Order ID 97115

February-14-13 2:29:01 PM

97115

Page 1

Item ID: D4030-041

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Long Basket Assembly (350)

Start Date: 2/13/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 3/08/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan:

Date: *13-02-19*

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

Draw Nbr

Revision Nbr

D4030

C

100 Pick Kit

0.00

100

Packaging

Memo

0.00

Packaging

110 Assemble as per dwg

0.00

110

HandFinish

Memo

0.00

Hand Finishing

****Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label ****

120 QCS- Inspect part completeness to step on W/O

0.00

120

QC

Memo

0.00

Quality Control

AS

133-21

1 X

133-21

1 φ BR 13-3-21

1

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | | |
|---|------|------|---|--|-------------------|--|-------------|--------------|--|--|---|--|
| Work Order: _____ Part No. _____ NCR No. _____ | | | | DISPOSITION <div style="display: flex; justify-content: space-around;"> <div> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> </div> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-around;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | | | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | | | |
| Doc/Data <input type="checkbox"/> | | | | | | | | | | | | |
| Equip/Tooling <input type="checkbox"/> | | | | | | | | | | | | |
| Operator <input type="checkbox"/> | | | | | | | | | | | | |
| Material <input type="checkbox"/> | | | | | | | | | | | | |
| Setup <input type="checkbox"/> | | | | | | | | | | | | |
| Other <input type="checkbox"/> | | | | | | | | | | | | |
| Process <input type="checkbox"/> | | | | | | | | | | | | |
| Supplier <input type="checkbox"/> | | | | | | | | | | | | |
| Training <input type="checkbox"/> | | | | | | | | | | | | |
| Unapproved <input type="checkbox"/> | | | | | | | | | | | | |
| FAULT CATEGORY | | | | | | | | | | | | |
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | | | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | | | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | | | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge | | <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Work Order ID 97115

February-14-13 2:29:01 PM

97115

Page 2

Item ID: D4030-041
Revision ID:
Item Name: Long Basket Assembly (350)

Accept

N900040100

Setup Start ***NS1***

Stop ***NS2***

Start Date: 2/13/13 Start Qty: 1.00 ***1***
Required Date: 3/08/13 Req'd Qty: 1.00 ***1***

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***

Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

130 Identify as per dwg & Stock Location: _____

0.00 **PP 97 635**

130

Packaging Memo

0.00

Packaging

DAS
06
9-8
13/3/25

140 QC21- Final Inspection - Work Order Release

0.00

140

QC Memo

0.00

Quality Control

13/3/25

MR

13-3-25

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | |
|--|---|--|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION <div style="display: flex; justify-content: space-around;"> <div>Rework <input type="checkbox"/></div> <div>Skid-tube <input type="checkbox"/></div> <div>Crosstube <input type="checkbox"/></div> <div>Water Jet <input type="checkbox"/></div> <div>Engineering <input type="checkbox"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>Scrap <input type="checkbox"/></div> <div>Machining <input type="checkbox"/></div> <div>Small Fab <input type="checkbox"/></div> <div>Prod. Eng. Coord. <input type="checkbox"/></div> <div>Quality <input type="checkbox"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>Use-as-is <input type="checkbox"/></div> <div>Thermoforming <input type="checkbox"/></div> <div>Finishing <input type="checkbox"/></div> <div>Rec/Store/Packaging <input type="checkbox"/></div> <div>Other <input type="checkbox"/></div> </div> <div style="display: flex; justify-content: space-around;"> <div>Work Order Update <input type="checkbox"/></div> <div>Large Fab <input type="checkbox"/></div> <div>Composite <input type="checkbox"/></div> <div>Supplier <input type="checkbox"/></div> </div> | |
|--|---|--|

| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Operator | | | | | | | | | |
| Material | | | | | | | | | |
| Setup | | | | | | | | | |
| Other | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | |
|---|---|---|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions |
| | | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge |
| | | <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |

Picklist Print

February-14-13 10:50:24 AM

Page 1

Work Order ID: 97115

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 2/13/13

Required Date: 3/08/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.03.23 verified by:EC IPP Rev:B as per dwg revB DD 10.04.20 verified by:EC IPP Rev:C as per dwg revC DD 10.08.18 verified by:EC
IPP Rev D 12.03.27 per NCR12-1239 EC verified by:JLM

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|-----------------|-------------|--------------|---------------|----------------|--------|
| D4086-200 Placard, Max Load | | Manufactured | No | | | | Each | 15.0000 | | | | | |
| | | | | <u>Location</u> | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | | | |
| | | | | ST093 | | 15 | | | | | | | |
| | | | | 88611 | | 5 | | | | | | | |
| | | | | 96251 | | 10 | | | | | | | |
| D2530 Handle Weldment | | Manufactured | No | | | 100 | Each | 7.0000 | 1 | | | | |
| | | | | <u>Location</u> | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | | | |
| | | | | ST255 | | 7 | | | | | | | |
| | | | | 94474 | | 7 | | | | | | | |
| D2535 Spring | | Manufactured | No | | | 100 | Each | 114.0000 | 2 | | | | |
| | | | | <u>Location</u> | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | | | |
| | | | | ST011 | | 114 | | | | | | | |
| | | | | 86333 | | 14 | | | | | | | |
| | | | | 92570 | | 50 | | | | | | | |
| | | | | 96248 | | 50 | | | | | | | |
| D2537 Bushing | | Manufactured | No | | | 100 | Each | 102.0000 | 2 | | | | |
| | | | | <u>Location</u> | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | | | |
| | | | | ST011 | | 102 | | | | | | | |
| | | | | 87524 | | 38 | | | | | | | |
| | | | | 92711 | | 24 | | | | | | | |
| | | | | 94713 | | 40 | | | | | | | |

SP

N

1 B96538 SP

SP

2x

SP 13-3-21

2x

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | |
|--|-------------|-------------|------------|---|--------------------------|---|------------------------|---------------------|---------------------|--|--|
| Work Order: _____ Part No. _____ NCR No. _____ | | | | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> | | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | | |
| Doc/Data <input type="checkbox"/> | | | | | | | | | | | |
| Equip/Tooling <input type="checkbox"/> | | | | | | | | | | | |
| Operator <input type="checkbox"/> | | | | | | | | | | | |
| Material <input type="checkbox"/> | | | | | | | | | | | |
| Setup <input type="checkbox"/> | | | | | | | | | | | |
| Other <input type="checkbox"/> | | | | | | | | | | | |
| Process <input type="checkbox"/> | | | | | | | | | | | |
| Supplier <input type="checkbox"/> | | | | | | | | | | | |
| Training <input type="checkbox"/> | | | | | | | | | | | |
| Unapproved <input type="checkbox"/> | | | | | | | | | | | |

| FAULT CATEGORY | | | | |
|---|---|---|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other | |

Picklist Print

February-14-13 10:50:24 AM

Page 2

Work Order ID: 97115

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 2/13/13

Required Date: 3/08/13

Start Qty: 1.00

Required Qty: 1.00

D3913-041 Manufactured No 100 Each 1.0000 1 1 BL 133 DL
Long Basket Base Assembly, 350

Location Loc Qty Loc Code

GA 1

94582 1

D3914-041 Manufactured No 100 Each 1.0000 1 1 BL 13-3-21.
Long Basket Lid Assembly (350)

Location Loc Qty Loc Code

GA 1

96105 1

D3917-3 Manufactured No 100 Each 90.0000 6 6 SP
Washer

Location Loc Qty Loc Code

ST072 90

92514 29

94136 5

94137 6

94643 50

D3953-3 Manufactured No 100 Each 45.0000 2 2 SP.
Gas Spring Stud, Lid

Location Loc Qty Loc Code

GA 1

87592 1

ST076 44

88494 14

94744 30

D3953-7 Manufactured No 100 Each 57.0000 2 2 SP² 13-3-21
Spring Spacer

Location Loc Qty Loc Code

ST076 57

88393 5

89248 12

94669 40

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Shop Packet Print

Page 2

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | |
|--|------|------|-----|---|-------------------|---|-------------|--------------|--------------|--|--|
| Work Order: _____ Part No. _____ NCR No. _____ | | | | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> | | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | | |
| Doc/Data | | | | | | | | | | | |
| Equip/Tooling | | | | | | | | | | | |
| Operator | | | | | | | | | | | |
| Material | | | | | | | | | | | |
| Setup | | | | | | | | | | | |
| Other | | | | | | | | | | | |
| Process | | | | | | | | | | | |
| Supplier | | | | | | | | | | | |
| Training | | | | | | | | | | | |
| Unapproved | | | | | | | | | | | |

| FAULT CATEGORY | | | | |
|---|---|---|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other | |

Picklist Print

February-14-13 10:50:25 AM

Page 3

Work Order ID: 97115

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 2/13/13

Required Date: 3/08/13

Start Qty: 1.00

Required Qty: 1.00

| | | | | | | | | |
|---------------------|--------------|-----------------|----------------|-----------------|---------|---|----|-----------|
| D3953-9 | Manufactured | No | 100 | Each | 95.0000 | 2 | 2 | SP |
| Gas Spring Washer | | | | | | | | |
| | | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> | | | | |
| | | ST076 | 95 | | | | | |
| | | 94719 | 50 | | | | 2x | |
| | | 95127 | 45 | | | | | |
| D3953-17 | Manufactured | No | 100 | Each | 31.0000 | 2 | 2 | SP |
| Gas Spring Spacer | | | | | | | | |
| | | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> | | | | |
| | | ST076 | 31 | | | | | |
| | | 88281 | 3 | | | | | |
| | | 89180 | 16 | | | | 2x | |
| | | 94578 | 12 | | | | | |
| D3953-19 | Manufactured | No | 100 | Each | 14.0000 | 1 | 1 | SP |
| Gas Spring Bracket | | | | | | | | |
| | | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> | | | | |
| | | ST077 | 14 | | | | | |
| | | 92819 | 14 | | | | 1x | |
| D3953-21 | Manufactured | No | 100 | Each | 16.0000 | 1 | 1 | SP |
| Gas Spring Bracket | | | | | | | | |
| | | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> | | | | |
| | | ST077 | 16 | | | | | |
| | | 85759 | 4 | | | | | |
| | | 94146 | 12 | | | | 1x | |
| D3969-3 | Manufactured | No | 100 | Each | 14.0000 | 1 | 1 | B97050 SP |
| Spring (Basket Lid) | | | | | | | | (3-3-21) |
| | | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> | | | | |
| | | ST262 | 14 | | | | | |
| | | 91844 | 14 | | | | | |

February-14-13 10:50:25 AM

Shop Packet Print

Page 3

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | |
|---|-------------|-------------|---|---|--------------------------|---|------------------------|---------------------|---|--|--|
| Work Order: _____ Part No. _____ NCR No. _____ | | | | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> | | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | | |
| Doc/Data <input type="checkbox"/> | | | | | | | | | | | |
| Equip/Tooling <input type="checkbox"/> | | | | | | | | | | | |
| Operator <input type="checkbox"/> | | | | | | | | | | | |
| Material <input type="checkbox"/> | | | | | | | | | | | |
| Setup <input type="checkbox"/> | | | | | | | | | | | |
| Other <input type="checkbox"/> | | | | | | | | | | | |
| Process <input type="checkbox"/> | | | | | | | | | | | |
| Supplier <input type="checkbox"/> | | | | | | | | | | | |
| Training <input type="checkbox"/> | | | | | | | | | | | |
| Unapproved <input type="checkbox"/> | | | | | | | | | | | |
| FAULT CATEGORY | | | | | | | | | | | |
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | | | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | | | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | | | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other | | |

Picklist Print

February-14-13 10:50:25 AM

Page 4

Work Order ID: 97115

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 2/13/13

Required Date: 3/08/13

Start Qty: 1.00

Required Qty: 1.00

| | | | | | | | | |
|---------|-----------|----|-----|------|----------|---|---|----|
| AN3-14A | Purchased | No | 100 | Each | 157.0000 | 4 | 4 | SP |
| Bolt | | | | | | | | |

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| ST352 | 57 | |
| 122800 | 57 | |
| ST512 | 100 | |
| 123759 | 100 | |

2x

| | | | | | | | | |
|---------|-----------|----|-----|------|----------|---|---|----|
| AN3-16A | Purchased | No | 100 | Each | 152.0000 | 2 | 2 | SP |
| Bolt | | | | | | | | |

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| GA | 47 | |
| 117441 | 47 | |
| ST352 | 105 | |
| 122407 | 55 | |
| 123900 | 50 | |

2x

| | | | | | | | | |
|---------|-----------|----|-----|------|----------|---|---|----|
| AN5-17A | Purchased | No | 100 | Each | 159.0000 | 4 | 4 | SP |
| Bolt | | | | | | | | |

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| GA | 36 | |
| 117872 | 36 | |
| ST337 | 123 | |
| 122416 | 13 | |
| 123831 | 60 | |
| 124215 | 50 | |

4x

| | | | | | | | | |
|--------|-----------|----|-----|------|---------|---|---|------------|
| AN4-12 | Purchased | No | 100 | Each | 51.0000 | 3 | 3 | SP 13-3-21 |
| Bolt | | | | | | | | |

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| ST356 | 51 | |
| 122800 | 51 | |

3x

February-14-13 10:50:25 AM

Shop Packet Print

Page 4

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> | AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | |
| Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | | | | | | | | | | | | | | | | |

| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|--|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Doc/Data <input type="checkbox"/> | | | | | | | | | |
| Equip/Tooling <input type="checkbox"/> | | | | | | | | | |
| Operator <input type="checkbox"/> | | | | | | | | | |
| Material <input type="checkbox"/> | | | | | | | | | |
| Setup <input type="checkbox"/> | | | | | | | | | |
| Other <input type="checkbox"/> | | | | | | | | | |
| Process <input type="checkbox"/> | | | | | | | | | |
| Supplier <input type="checkbox"/> | | | | | | | | | |
| Training <input type="checkbox"/> | | | | | | | | | |
| Unapproved <input type="checkbox"/> | | | | | | | | | |

FAULT CATEGORY

| | | | | |
|---|---|---|--|---|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge | <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|---|---|---|--|---|

Picklist Print

February-14-13 10:50:25 AM

Page 5

Work Order ID: 97115

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 2/13/13

Required Date: 3/08/13

Start Qty: 1.00

Required Qty: 1.00

AN310-4 Purchased No

100 Each 120.0000 3 3

SP

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST342 | 120 | |
| 122800 | 2 | |
| 123900 | 18 | |
| 124221 | 100 | |

3x

AN310C4 Purchased No

100 Each 118.0000 2 2

SP

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST342 | 118 | |
| 123831 | 18 | |
| 124221 | 100 | |

1x
1x

MS21042L3 Purchased No

100 Each 7,210.0000 6 6

SP 13-3-21

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| FP001 | 3 | |
| 122141 | 3 | |
| GA | 414 | |
| 122452 | 414 | |
| ST314 | 268 | |
| 117885 | 32 | |
| 119017 | 55 | |
| 119075 | 138 | |
| 123265 | 43 | |
| ST506 | 6525 | |
| 123900 | 2525 | |
| 124291 | 4000 | |

6x

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Shop Packet Print

Page 5

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | |
|--|--------------------------|-------------|-------------|---|--|---|---------------------------|------------------------|---------------------|---------------------|--|
| Work Order: _____ Part No. _____ NCR No. _____ | | | | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> | | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | | | | |
| Root Cause | | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | |
| Doc/Data | <input type="checkbox"/> | | | | | | | | | | |
| Equip/Tooling | <input type="checkbox"/> | | | | | | | | | | |
| Operator | <input type="checkbox"/> | | | | | | | | | | |
| Material | <input type="checkbox"/> | | | | | | | | | | |
| Setup | <input type="checkbox"/> | | | | | | | | | | |
| Other | <input type="checkbox"/> | | | | | | | | | | |
| Process | <input type="checkbox"/> | | | | | | | | | | |
| Supplier | <input type="checkbox"/> | | | | | | | | | | |
| Training | <input type="checkbox"/> | | | | | | | | | | |
| Unapproved | <input type="checkbox"/> | | | | | | | | | | |

| FAULT CATEGORY | | | | | | | | | | |
|---|--|--|---|--|--|---|--|--|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | | | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | | | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | | | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other | |

Picklist Print

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Page 6

Work Order ID: 97115

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 2/13/13

Required Date: 3/08/13

Start Qty: 1.00

Required Qty: 1.00

MS21042L5 Purchased No 100 Each 1,085.0000 4 4 *SP*

Nut

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST314 | 385 | |
| 108827 | 4 | |
| 116548 | 43 | |
| 119109 | 20 | |
| 121652 | 12 | |
| 122452 | 294 | |
| 2937 | 12 | |
| ST506 | 700 | |
| 123900 | 700 | |

MS24665-151

Purchased No

100 Each 143.0000

3 3 *SP*

Cotter Pin

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| GA | 38 | |
| 17566 | 38 | |
| ST323 | 105 | |
| 122802 | 105 | |

MS24665-300

Purchased No

100 Each 239.0000

2 2 *SP*

Cotter Pin

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| GA | 39 | |
| 118234 | 39 | |
| ST299 | 200 | |
| 124555 | 200 | |

NAS1149F0432P

Purchased No

100 Each 1,086.0000

6 *SP 13-3-21*

Washer

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST295 | 1086 | |
| 122151 | 2 | |
| 123522 | 4 | |
| 123900 | 680 | |
| 124580 | 400 | |

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Shop Packet Print

Page 6

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | | | | | | | | |
|--|---|--|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> | AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | |
| Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | | | | | | | | | | | | | | | | |

| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Operator | | | | | | | | | |
| Material | | | | | | | | | |
| Setup | | | | | | | | | |
| Other | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | |
|---|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|---|---|--|

Picklist Print

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Page 7

Work Order ID: 97115

Parent Item: D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 2/13/13

Required Date: 3/08/13

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0563P
Washer

Purchased No

100 Each 774.0000 4 4

SP

Location

Loc Qty

Loc Code

ST295 774
121350 774

4x

NAS1149F0332P
WASHER

Purchased No

100 Each 10,560.000 8 8

SP

Location

Loc Qty

Loc Code

GA 194
122063 194
ST294 363
122063 363
ST295 3
123352 3
st510 10000
123900 10000

8x

NAS1149C0432R
Washer

Purchased No

100 Each 2,818.0000 2 2

SP 13-3-21

Location

Loc Qty

Loc Code

GA 33
121255 33
ST292 2785
119124 6
122441 2779

2x

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Shop Packet Print

Page 7

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

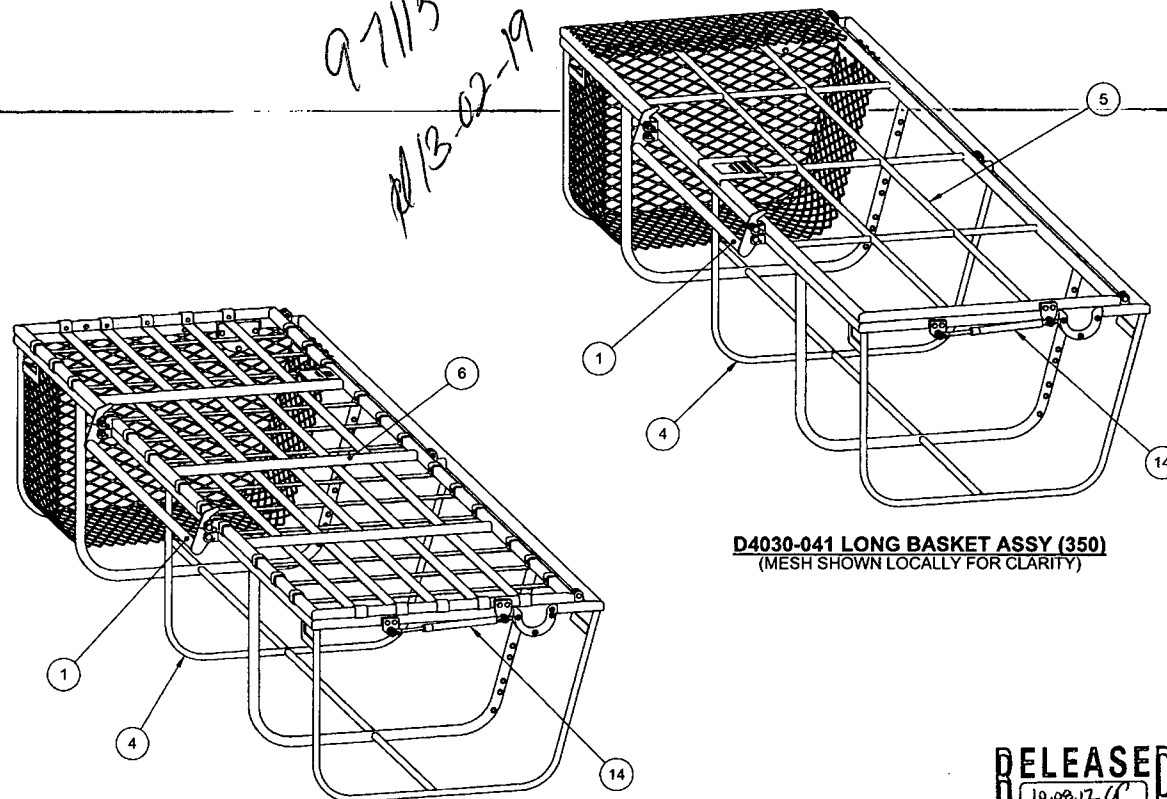
DQA: _____ Date: _____

QA Closed: _____ Date: _____

| | | | | | | | | | | | |
|--|-------------|-------------|------------|---|--------------------------|---|------------------------|---------------------|---------------------|--|--|
| Work Order: _____ Part No. _____ NCR No. _____ | | | | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> | | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> | | | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | | |
| Doc/Data | | | | | | | | | | | |
| Equip/Tooling | | | | | | | | | | | |
| Operator | | | | | | | | | | | |
| Material | | | | | | | | | | | |
| Setup | | | | | | | | | | | |
| Other | | | | | | | | | | | |
| Process | | | | | | | | | | | |
| Supplier | | | | | | | | | | | |
| Training | | | | | | | | | | | |
| Unapproved | | | | | | | | | | | |

| FAULT CATEGORY | | | | |
|---|---|---|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other | |

| ITEM | QTY -041 | QTY -043 | P/N | DESCRIPTION |
|------|-------------|-------------|---------------|-----------------------------------|
| | X | | D4030-041 | LONG BASKET ASSY (350) |
| | | X | D4030-043 | LONG BASKET ASSY, LIGHT LID (350) |
| 1 | 1 | 1 | D2530 | HANDLE WELDMENT |
| 2 | 2 | 2 | D2535 | SPRING |
| 3 | 2 | 2 | D2537 | BUSHING |
| 4 | 1 | 1 | D3913-041 | LONG BASKET BASE ASSY (350) |
| 5 | 1 | 1 | D3914-041 | LONG BASKET LID ASSY (350) |
| 6 | 1 | 1 | D3915-041 | LIGHT LID ASSY-LONG BASKET |
| 7 | 6 | 6 | D3917-3 | WASHER |
| 8 | 2 | 2 | D3953-3 | GAS SPRING STUD, LID |
| 9 | 2 | 2 | D3953-7 | GAS SPRING SPACER |
| 10 | 2 | 2 | D3953-9 | GAS SPRING WASHER |
| 11 | 2 | 2 | D3953-17 | GAS SPRING SPACER |
| 12 | 1 | 1 | D3953-19 | GAS SPRING BRACKET |
| 13 | 1 | 1 | D3953-21 | GAS SPRING BRACKET |
| 14 | 1 | 1 | D3969-3 | SPRING |
| 15 | 4 | 4 | AN3-14A | BOLT |
| 16 | 2 | 2 | AN3-16A | BOLT |
| 17 | 2 | 2 | AN3-20A | BOLT |
| 18 | 3 | 3 | AN4-12 | BOLT (DRILLED) |
| 19 | 4 | 2 | AN5-17A | BOLT |
| 20 | 2 | 2 | AN5-21A | BOLT |
| 21 | 3 | 3 | AN310-4 | NUT, CASTELLATED |
| 22 | 2 | 2 | AN310C4 | NUT, CASTELLATED |
| 23 | 6 | 6 | MS21042L3 | NUT |
| 24 | 4 | 4 | MS21042L5 | NUT |
| 25 | 3 | 3 | MS24665-151 | COTTER PIN |
| 26 | 2 | 2 | MS24665-300 | COTTER PIN |
| 27 | 6 | 6 | NAS1149F0432P | WASHER |
| 28 | 4 | 4 | NAS1149F0563P | WASHER |
| 30 | 8 | 8 | NAS1149F0332P | WASHER |
| 31 | 2 | 2 | NAS1149C0432R | WASHER |



D4030-041 LONG BASKET ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

D4030-043 LONG BASKET ASSY, LIGHT LID (350)
(MESH SHOWN LOCALLY FOR CLARITY)

RELEASED
10.08.12.01
ECN 10-546

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: -041: 72 lbs APPROX
-043: 57 lbs APPROX

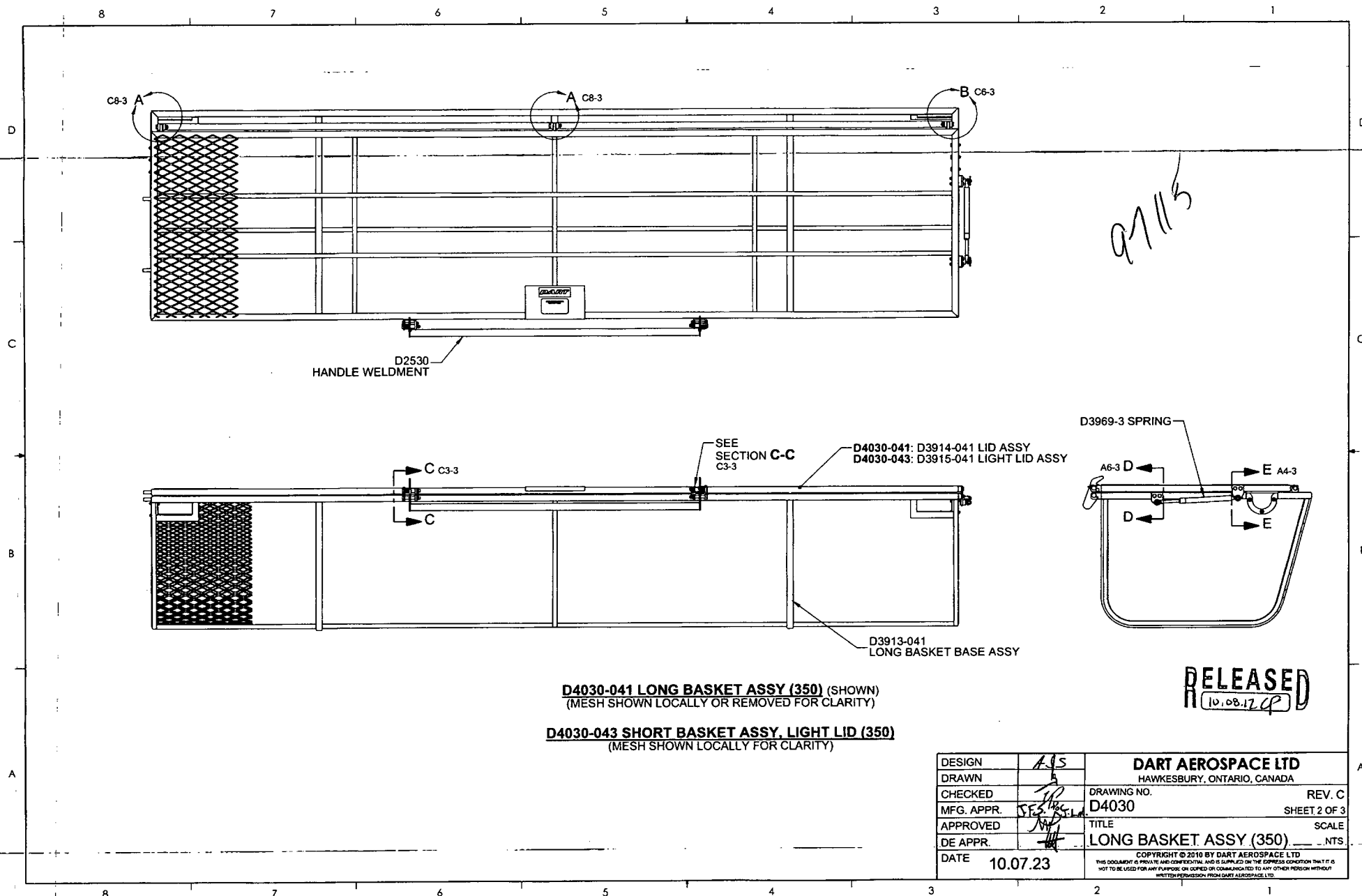
| | | | |
|------------|--|-----|----------|
| C | QTY FOR ITEMS #30 & #31 UNDER -043 WERE MISSING (B8-1); QTY FOR ITEM #3 WAS 4 (D6-1), ONLY 2 ARE REQUIRED, AFFECTS SECTION C-C (D3-3). | MB | 10.07.23 |
| B | AN5-21A BOLT WAS AN5-19A: BOM & (D3-3) | JPH | 10.04.06 |
| A | NEW ISSUE | JPH | 10.03.16 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | AJS | | |
| DRAWN | JP | | |
| CHECKED | JES | | |
| MFG. APPR. | JW | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 10.07.23 | | |

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

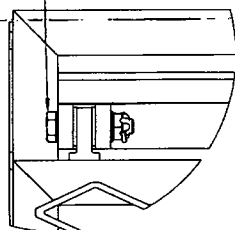
DRAWING NO. **D4030** REV. C
SHEET 1 OF 3

TITLE **LONG BASKET ASSY (350)** SCALE _____ NTS

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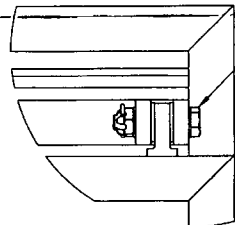


AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



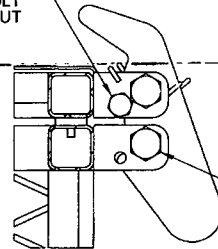
DETAIL A D8-2
D5-2

AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



DETAIL B D3-2

D4030-041: AN3-16A BOLT
MS21042L3 NUT
D4030-043: AN3-20A BOLT
MS21042L3 NUT

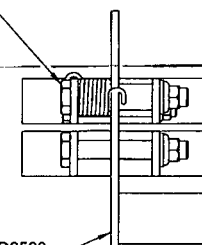


SECTION C-C B4-2
B6-2

D4030-041: AN5-17A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT
D4030-043: AN5-21A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT

AN5-17A BOLT
NAS1149F0563P WASHER
MS21042L5 NUT

9715



D2530
HANDLE WELDMENT
REF

VIEW F-F C3-3

D3953-17 GAS SPRING SPACER
D3953-21 GAS SPRING BRACKET
AN3-14A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL

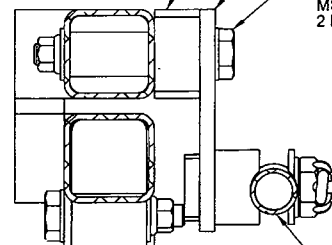
D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-3 SPRING
REF

SECTION D-D B2-2

D3953-17 GAS SPRING SPACER
D3953-19 GAS SPRING BRACKET

AN3-14A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL



D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

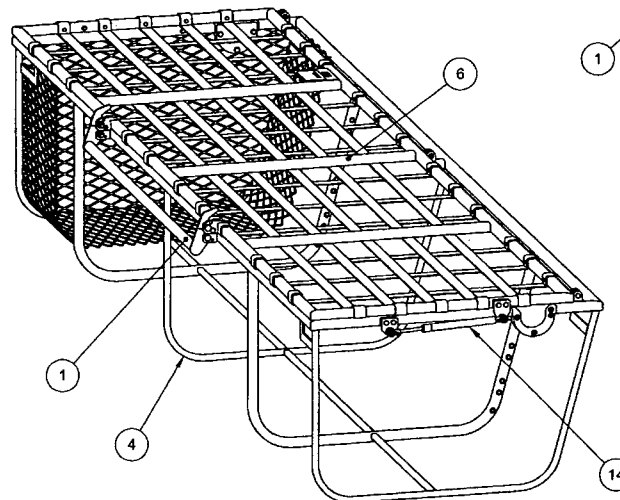
D3969-3 SPRING
REF

SECTION E-E B1-2

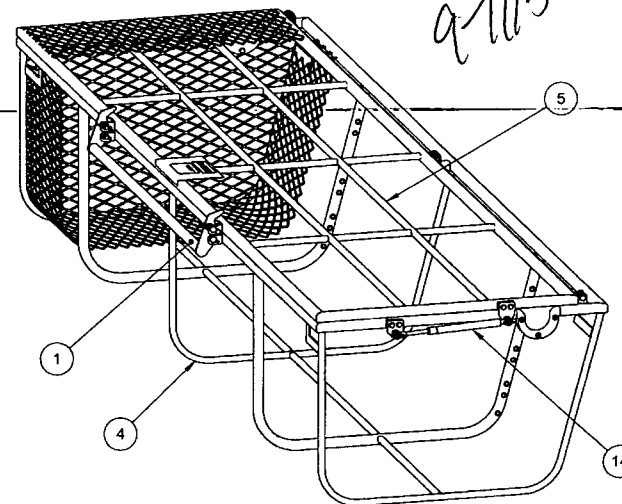
RELEASED
10.08.124

| | | | |
|------------|----------------|---|--------|
| DESIGN | ALS | DART AEROSPACE LTD | |
| DRAWN | ALS | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | ALS | DRAWING NO. D4030 | REV. C |
| MFG. APPR. | J. K. B. T. M. | SHEET 3 OF 3 | |
| APPROVED | ALS | TITLE LONG BASKET-ASSY (350) | SCALE |
| DE APPR. | ALS | NTS | |
| DATE | 10.07.23 | COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD | |

| ITEM | QTY -041 | QTY -043 | P/N | DESCRIPTION |
|------|-------------|-------------|---------------|-----------------------------------|
| | X | | D4030-041 | LONG BASKET ASSY (350) |
| | | X | D4030-043 | LONG BASKET ASSY, LIGHT LID (350) |
| 1 | 1 | 1 | D2530 | HANDLE WELDMENT |
| 2 | 2 | 2 | D2535 | SPRING |
| 3 | 2 | 2 | D2537 | BUSHING |
| 4 | 1 | 1 | D3913-041 | LONG BASKET BASE ASSY (350) |
| 5 | 1 | | D3914-041 | LONG BASKET LID ASSY (350) |
| 6 | | 1 | D3915-041 | LIGHT LID ASSY-LONG BASKET |
| 7 | 6 | 6 | D3917-3 | WASHER |
| 8 | 2 | 2 | D3953-3 | GAS SPRING STUD, LID |
| 9 | 2 | 2 | D3953-7 | GAS SPRING SPACER |
| 10 | 2 | 2 | D3953-9 | GAS SPRING WASHER |
| 11 | 2 | 2 | D3953-17 | GAS SPRING SPACER |
| 12 | 1 | 1 | D3953-19 | GAS SPRING BRACKET |
| 13 | 1 | 1 | D3953-21 | GAS SPRING BRACKET |
| 14 | 1 | 1 | D3969-3 | SPRING |
| 15 | 4 | 4 | AN3-14A | BOLT |
| 16 | 2 | | AN3-16A | BOLT |
| 17 | | 2 | AN3-20A | BOLT |
| 18 | 3 | 3 | AN4-12 | BOLT (DRILLED) |
| 19 | 4 | 2 | AN5-17A | BOLT |
| 20 | | 2 | AN5-21A | BOLT |
| 21 | 3 | 3 | AN310-4 | NUT, CASTELLATED |
| 22 | 2 | 2 | AN310C4 | NUT, CASTELLATED |
| 23 | 6 | 6 | MS21042L3 | NUT |
| 24 | 4 | 4 | MS21042L5 | NUT |
| 25 | 3 | 3 | MS24665-151 | COTTER PIN |
| 26 | 2 | 2 | MS24665-300 | COTTER PIN |
| 27 | 6 | 6 | NAS1149F0432P | WASHER |
| 28 | 4 | 4 | NAS1149F0563P | WASHER |
| 30 | 8 | 8 | NAS1149F0332P | WASHER |
| 31 | 2 | 2 | NAS1149C0432R | WASHER |



D4030-043 LONG BASKET ASSY, LIGHT LID (350)
(MESH SHOWN LOCALLY FOR CLARITY)



D4030-041 LONG BASKET ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: -041: 72 lbs APPROX
-043: 57 lbs APPROX

RELEASED
10.08.12
ECN 10-596

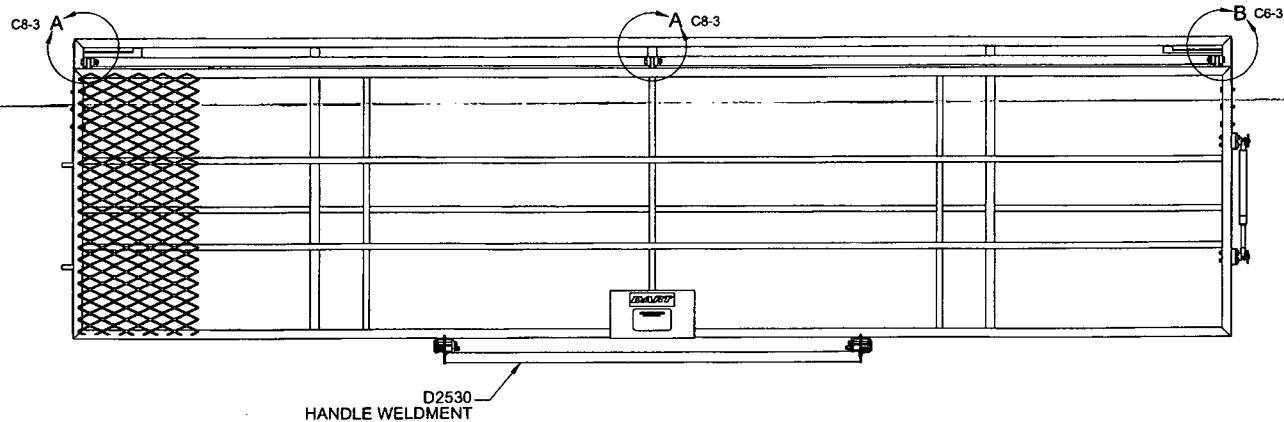
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|------------|--|-----|----------|
| C | QTY FOR ITEMS #30 & #31 UNDER -043 WERE MISSING (BB-1); QTY FOR ITEM #3 WAS 4 (06-1), ONLY 2 ARE REQUIRED, AFFECTS SECTION C-C (03-3). | MB | 10.07.23 |
| B | AN5-21A BOLT WAS AN5-19A: BOM & (03-3) | JPH | 10.04.06 |
| A | NEW ISSUE | JPH | 10.03.16 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | ALS | | |
| DRAWN | OP | | |
| CHECKED | JPH | | |
| MFG. APPR. | JPH | | |
| APPROVED | JPH | | |
| DE APPR. | JPH | | |
| DATE | 10.07.23 | | |

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

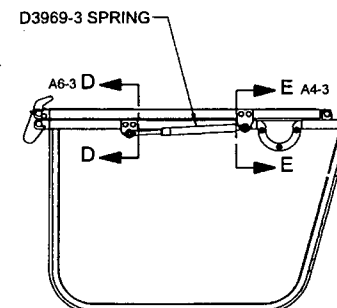
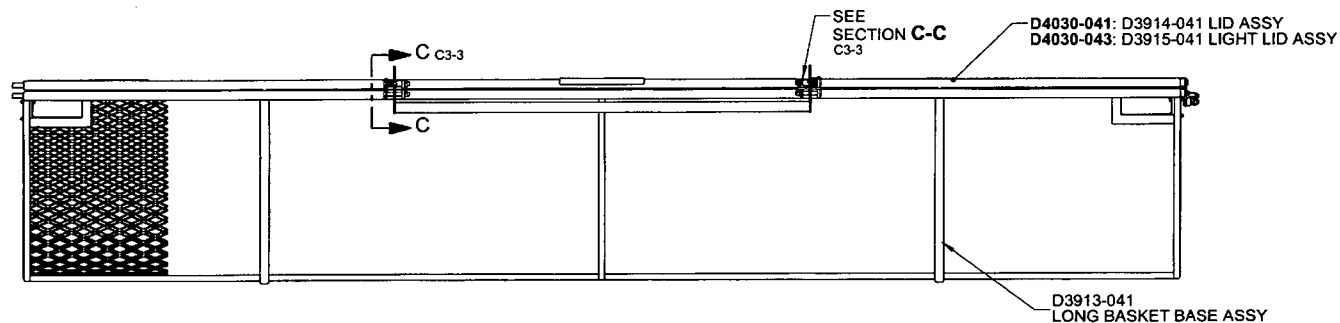
DRAWING NO. **D4030** REV. C
SHEET 1 OF 3
TITLE **LONG BASKET ASSY (350)** SCALE NTS

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8 7 6 5 4 3 2 1



97115



D4030-041 LONG BASKET ASSY (350) (SHOWN)
(MESH SHOWN LOCALLY OR REMOVED FOR CLARITY)

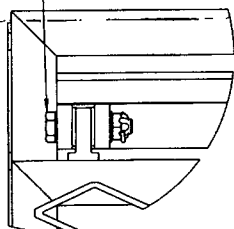
D4030-043 SHORT BASKET ASSY, LIGHT LID (350)
(MESH SHOWN LOCALLY FOR CLARITY)

RELEASED
10.08.17

| | | | |
|------------|----------|--|--------------|
| DESIGN | AS | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. C |
| MFG. APPR. | SE | D4030 | SHEET 2 OF 3 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | LONG BASKET ASSY (350) | NTS |
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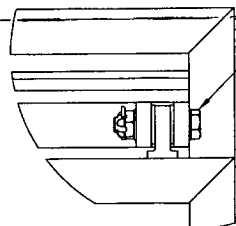
8 7 6 5 4 3 2 1

AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



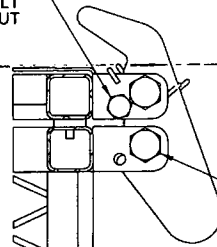
DETAIL A D8-2
D5-2

AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



DETAIL B D3-2

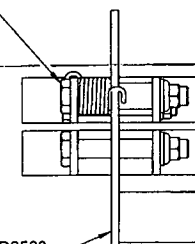
D4030-041: AN3-16A BOLT
MS21042L3 NUT
D4030-043: AN3-20A BOLT
MS21042L3 NUT



SECTION C-C B4-2
B6-2

D4030-041: AN5-17A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT
D4030-043: AN5-21A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT

AN5-17A BOLT
NAS1149F0563P WASHER
MS21042L5 NUT



D2530
HANDLE WELDMENT
REF

VIEW F-F C3-3

D3953-17 GAS SPRING SPACER
D3953-21 GAS SPRING BRACKET
AN3-14A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL

D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-3 SPRING
REF

SECTION D-D B2-2

D3953-17 GAS SPRING SPACER
D3953-19 GAS SPRING BRACKET
AN3-14A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL

D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-3 SPRING
REF

SECTION E-E B1-2

RELEASED
10.08.12

| | | | |
|------------|----------|---|--------------|
| DESIGN | AJS | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. D4030 | REV. C |
| MFG. APPR. | TFS | | SHEET 3 OF 3 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | LONG BASKET-ASSY (350) | NTS |
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